TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-09-14-01**	**Date: 16-09-17**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.	
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to roads at Sheshadri Layout and Connection road to Ganapathi Badavane road in Ward no.14	
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagar, Bangalore-10	
Customer Reference	:	BBMP/EE/DD/WO/037/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	14-09-17	
Sample ID No	:	2017-09-14-01/01	
Type of Mix	:	BC-Plant (Bituminous Concrete)	
Date of test	:	14-09-17	
Oven Dry Weight	:	5000	Grams

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-17(grading-2)
19	0	0	0.0	100.0	100
13.2	88	88	1.8	98.2	90-100
9.5	709	797	15.9	84.1	70-88
4.75	891	1688	33.8	66.2	53-71
2.36	581	2269	45.4	54.6	42-58
1.18	495	2764	55.3	44.7	34-48
0.6	508	3272	65.4	34.6	26-38
0.3	524	3796	75.9	24.1	18-28
0.15	461	4257	85.1	14.9	12-20
0.075	356	4613	92.3	7.7	4-10
PAN	387	5000	100	0.0	0

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL PRO Sig..... Date..... BANGALORE

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ
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FOR CIVIL Pro.
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End of Report

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PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS CONCRETE

Lab ID	:	**CP-RW-2017-09-14-01** **Date: 17-09-17**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads at Sheshadri Layout and Connection road to Ganapathi Badavane road in Ward no.14
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main road, 3rd 'Y' Block, Rajajinagar, Bangalore-10
Customer Reference	:	BBMP/EE/DD/WO/037/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-09-17
Sample ID No	:	2017-09-14-01/01
Type of Mix	:	BC (Bituminous Concrete)
Date of test	:	14-09-17

Table 500-16 : Physical Requirements fo Coarse Aggregate for Bituminous Concrete

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	11.9	Combined Flakiness & Elongation Index for BC is Maximum 35%	IS:2386 Part I
	Elongation Index	12.4		
Strength	Aggregate Impact Value	23.9	Maximum 24%	IS:2386 Part IV
Specific gravity	Specific gravity	2.64	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	0.24	Maximum 2%	IS:2386 Part III

Note:

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Prepared By:
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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
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TEST RESULTS OF GRADATION FOR BM
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID	:	**CP-RW-2017-09-11-01**	**Date: 10-11-17**
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.	
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to roads at Sheshadri Layout and Connection road to Ganapathi Badavane road in Ward no.14	
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.	
Customer Reference	:	BBMP/EE/DD/WO/037/2017-18	
Source of Sample	:	Sample supplied by Agency	
Date of Receipt	:	09-11-17	
Sample ID No	:	2017-09-11-01-01	
Type of Mix	:	BM (Bituminous Macadam)	
Date of test	:	09-11-17	

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	500
2	Weight of the sample After extraction	B	482	481
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	3.6	3.8
4	Average percentage	%	3.7	

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Quality Manager

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